

CNC SLITTER MACHINE

ABSTRACT

A machine for slitting a metal sheet has a number of knife holder assemblies each containing a rotary knife. The knife holder assemblies are mounted for movement along upper and lower rotating shafts which rotate the knives during a slitting operation. The position of the knife holder assemblies is programmably controlled for efficient and accurate positioning and adjustment of the knives along the rotating shafts for a variety of slitting configurations. Additionally, each of the upper and lower drive shafts contains a pair of drive shaft sections that are normally connected together during operation and can be disconnected for servicing of the knife holder assemblies on the shafts. The slitting machine includes upper and lower frames that are movable relative to each other by adjustment of a pair of jack screws to slit metal sheets of differing thicknesses without labor intensive adjustment or reconfiguration of the machine.